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DDC antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11891

Specification

DDC antibody - N-terminal region - Product Information

Application	**IHC, WB**
Primary Accession	P20711
Other Accession	NM_000790, NP_000781
Reactivity	**Human, Mouse, Rat, Rabbit, Zebrafish, Bovine, Horse, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**53kDa KDa**

DDC antibody - N-terminal region - Additional Information

Gene ID 1644

Alias Symbol	**AADC**

Other Names
Aromatic-L-amino-acid decarboxylase, AADC, 4.1.1.28, DOPA decarboxylase, DDC, DDC, AADC

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 100 ul of distilled water. Final anti-DDC antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
DDC antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

DDC antibody - N-terminal region - Protein Information

Name DDC {ECO:0000303|PubMed:15532536, ECO:0000312|HGNC:HGNC:2719}

Function
Catalyzes the decarboxylation of L-3,4-dihydroxyphenylalanine (DOPA) to dopamine and L-5-hydroxytryptophan to serotonin.

Tissue Location
[Isoform 2]: High expression in kidney.

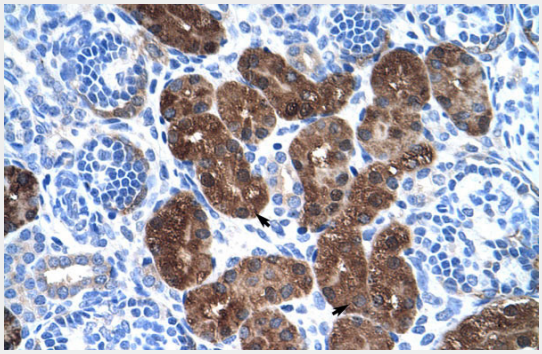
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DDC antibody - N-terminal region - Protocols

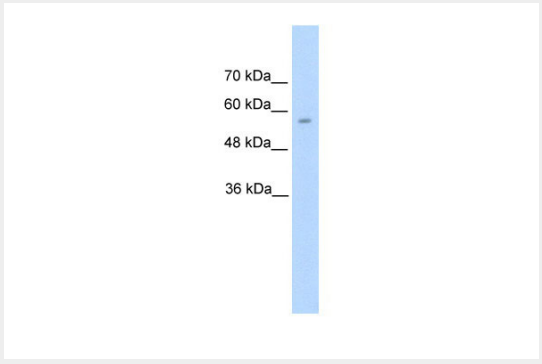
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DDC antibody - N-terminal region - Images



Rabbit Anti-DDC Antibody
Paraffin Embedded Tissue: Human Kidney
Cellular Data: Epithelial cells of renal tubule
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X



WB Suggested Anti-DDC Antibody Titration: 5.0µg/ml
Positive Control: HepG2 cell lysate
DDC is supported by BioGPS gene expression data to be expressed in HepG2

DDC antibody - N-terminal region - References

Ma,J.Z., (2005) Hum. Mol. Genet. 14 (12), 1691-1698 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.